



AXPOLY® PS01 3000

Product information sheet: Off-white impact modified polystyrene resin grade

Description: A high impact polystyrene (HIPS) grade with excellent purity and good surface finish. Light, off-white colour allows for pigment addition in applications such as consumer gadgets, gifts and toys.

Export tariff code: 3903190090

Product physical properties

Product grade: Axpoly® PS01 3000

| Test parameter | Method | Unit | Value |
|---------------------------------------|----------|-------------------|-------|
| Physical properties | | | |
| Density | ISO 1183 | g/cm ³ | 1.05 |
| Rheological properties | | | |
| Melt Flow (5 kg @ 200°C) | ISO 1133 | g/10mins | 6 |
| Mechanical properties | | | |
| Tensile strength (@ 23°C) | ISO 527 | MPa | 20 |
| Notched Izod Impact strength (@ 23°C) | ISO 180 | kJ/m ² | 7 |
| Elongation @ break | 527-1/2 | % | 31 |

Please note this polymer is not approved for use in food or medical applications. All grades are tested to ISO standards, and certified as ROHS and REACH compliant.

Material compliant to European Standard EN71-3 Safety of Toys.



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